

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/000873

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12P13/00 C12P7/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, FSTA, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GAVAGAN J E ET AL: "Chemoenzymic Production of Lactams from Aliphatic alpha,omega-Dinitriles" JOURNAL OF ORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 63, no. 14, 1998, pages 4792-4801, XP002294596 ISSN: 0022-3263 cited in the application abstract; table 1 page 4792 page 4793, left-hand column, line 1 - line 10 page 4793, right-hand column, line 3 - line 5</p> <p style="text-align: center;">----- -/--</p>	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

29 June 2005

Date of mailing of the international search report

06/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Ceder, O

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 046 353 A (GROTE ET AL) 4 April 2000 (2000-04-04) cited in the application abstract column 13, line 6 - line 35	9-13
A	WO 02/095045 A (ADISSEO FRANCE S.A.S; GROS, GEORGES; GARRAIT, MICHEL; TAILLADES, JACQU) 28 November 2002 (2002-11-28) abstract; claims 1,8,10; examples 1,3,4 page 3, line 30 - page 4, line 15	1-13
A	US 5 593 871 A (ANTON ET AL) 14 January 1997 (1997-01-14) cited in the application abstract column 5	1-3,9-11
A	GAVAGAN J E ET AL: "A GRAM-NEGATIVE BACTERIUM PRODUCING A HEAT-STABLE NITRILASE HIGHLY ACTIVE ON ALIPHATIC DINITRILES" APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, SPRINGER VERLAG, BERLIN, DE, vol. 52, November 1999 (1999-11), pages 654-659, XP000964621 ISSN: 0175-7598 abstract; figure 2; table 1 page 654, right-hand column, line 16 - line 21	1-13
A	US 2004/014195 A1 (DESANTIS GRACE ET AL) 22 January 2004 (2004-01-22) abstract; claim 28; figures 1,16,17 paragraph '0004! - paragraph '0005! paragraph '0051! paragraph '0066! - paragraph '0067!	1-13
P,A	WO 2004/111256 A (PFIZER PRODUCTS INC; BURNS, MICHAEL, PAUL; WONG, JOHN, WING) 23 December 2004 (2004-12-23) abstract; claims page 3 page 7	1-13

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